

High Volume, High Utility Junction Box

ABSTRACT OF THE DISCLOSURE

A high-volume, high-utility, non-conductive electrical junction box includes a back wall and four side walls in rectangular array extending from the back wall, with each side wall being jointed to the back wall and to the two adjacent side walls in order to both define an opening to the junction box, and to substantially enclose a volume therewithin. Inside of the junction box, electrical wiring and devices may be safely installed. The junction box includes internal mounting lugs that extend from the opening of the junction box toward but short of the back wall, and which thus provide an improved volume within a junction box of a standard size. Additionally, a multitude of conduit sockets may be attached to the junction box, and mutually lock to the walls of the junction box by use of a specialized multiple-engagement nut member. An alternative embodiment of the junction box provides for conduit socket insert members to be received into insert recesses defined on the box walls, and to there receive end portions of respective electrical conduits joining with the junction box. Plural junction boxes may be mutually interconnected.

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